Not 53?

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/25/2002 Time: 10:12:53

Sample: AE01231
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/25/02 10:12 Ended: 2/25/02 10:12 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		108		5.0

Comments for Sample AE01231 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-25-2002 Time: 10:13:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1802\1231.D Vial: 38
Acq On : 18 Feb 2002 2:10 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 15:35 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	227569	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	849721	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.28	164	445114	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	587763	20.00	ug/l	-0.03
38) Chrysene-d12	33.79	240	363234	20.00	ug/l	-0.05
44) Perylene-d12	38.07	264	239940	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	31972	5.42	ug/mL	0.31
Spiked Amount 5.000			Recovery = 108.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.73	93	287	N.D.		
4) 1,3-Dichlorobenzene	12.38	146	310	N.D.		
5) 1,4-Dichlorobenzene	12.38	146	310	N.D.		
6) 1,2-Dichlorobenzene	12.90	146	289	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	14.02	77	215	N.D.		
12) Isophorone	14.68	82	841	N.D.		
13) bis(2-Chloroethoxy)methane	15.34	93	315	N.D.		
14) 1,2,4-Trichlorobenzene	15.85	180	191	N.D.		
15) Naphthalene	16.02	128	1906	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.54	162	505	N.D.		
20) Dimethylphthalate	20.63	163	565	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.82	152	692	N.D.		
23) Acenaphthene	21.37	153	646	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.76	149	945	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.90	166	631	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

(#) = qualifier out of range (m) = manual integration

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Acq On : 18 Feb 2002 2:10 pm Operator: 209 GALOS
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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 15:35 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.80	178	1356	N.D.	
34)	Anthracene	25.93	178	749	N.D.	
35)	Di-n-butylphthalate	27.70	149	3577	N.D.	
36)	Fluoranthene	29.43	202	750	N.D.	
39)	Pyrene	30.11	202	940	N.D.	
40)	Butylbenzylphthalate	32.22	149	222	N.D.	
41)	Benzo(a)anthracene	33.76	228	2562	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	2461	N.D.	
43)	Chrysene	33.87	228	2269	N.D.	
45)	Di-n-Octylphthalate	35.74	149	769	N.D.	
46)	Benzo(b)fluoranthene	36.88	252	1083	N.D.	
47)	Benzo(k)fluoranthene	36.93	252	931	N.D.	
48)	Benzo(a)pyrene	37.88	252	620	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

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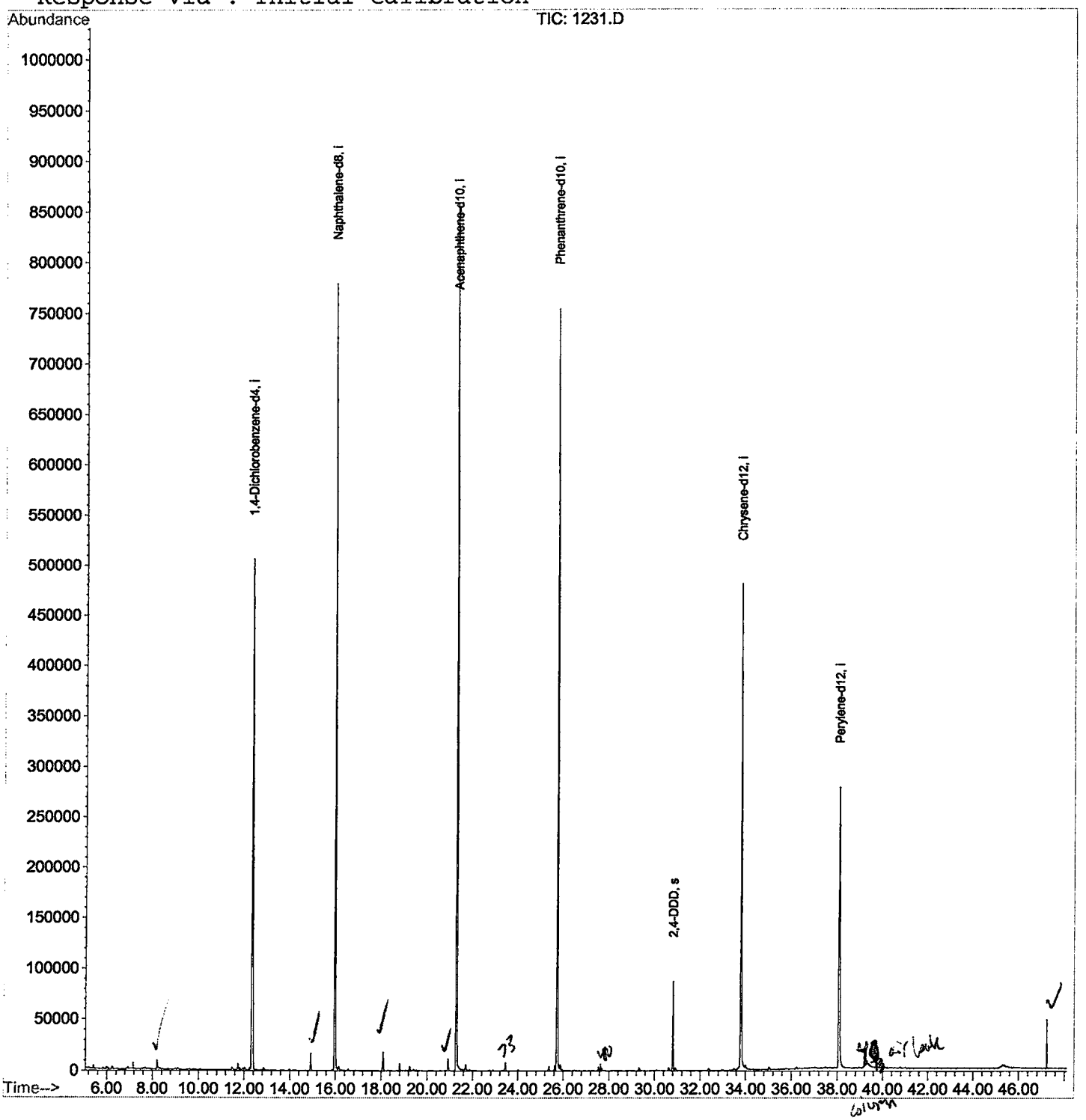
Acq On : 18 Feb 2002 2:10 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 20 15:35 2002

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1231.D Vial: 38
Acq On : 18 Feb 2002 2:10 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

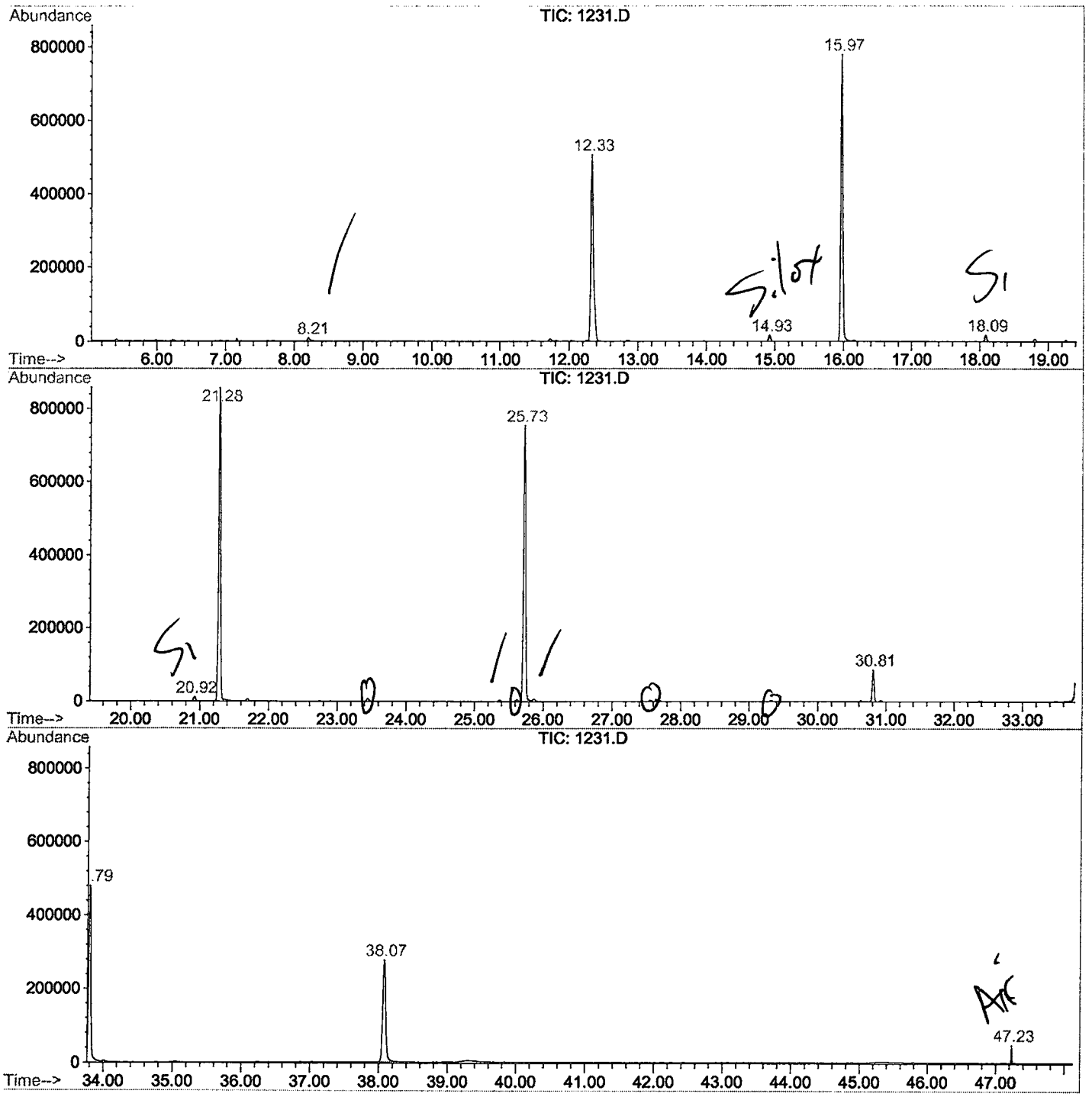
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.207	340	345	350	rBV	8984	20146	1.14%	0.236%
2	12.329	789	794	805	rVB	505446	1257319	71.00%	14.722%
3	14.927	1072	1077	1081	rVB	16935	31416	1.77%	0.368%
4	15.974	1185	1191	1207	rBV	778872	1620638	91.52%	18.976%
5	18.085	1415	1421	1426	rBV2	17946	34218	1.93%	0.401%
6	20.922	1725	1730	1735	rVB	11530	21206	1.20%	0.248%
7	21.280	1763	1769	1777	rBV	858612	1770843	100.00%	20.734%
8	25.732	2247	2254	2266	rBV2	754074	1577069	89.06%	18.465%
9	30.809	2802	2807	2812	rBV	87191	161917	9.14%	1.896%
10	33.793	3119	3132	3151	rBV2	479303	1165396	65.81%	13.645%
11	38.071	3590	3598	3615	rBV2	276962	853275	48.18%	9.991%
12	47.233	4594	4596	4598	rBV	47235	27216	1.54%	0.319%

Sum of corrected areas: 8540659

1231.D GCMS0208.M Thu Feb 21 09:32:50 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1802\1231.D
Operator : 209 GALOS
Acquired : 18 Feb 2002 2:10 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/17
Misc Info :
Vial Number: 38
Quant File :GCMS0208.RES (RTE Integrator)



1231.D GCMS0208.M Thu Feb 21 09:32:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1231.D
Acq On : 18 Feb 2002 2:10 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

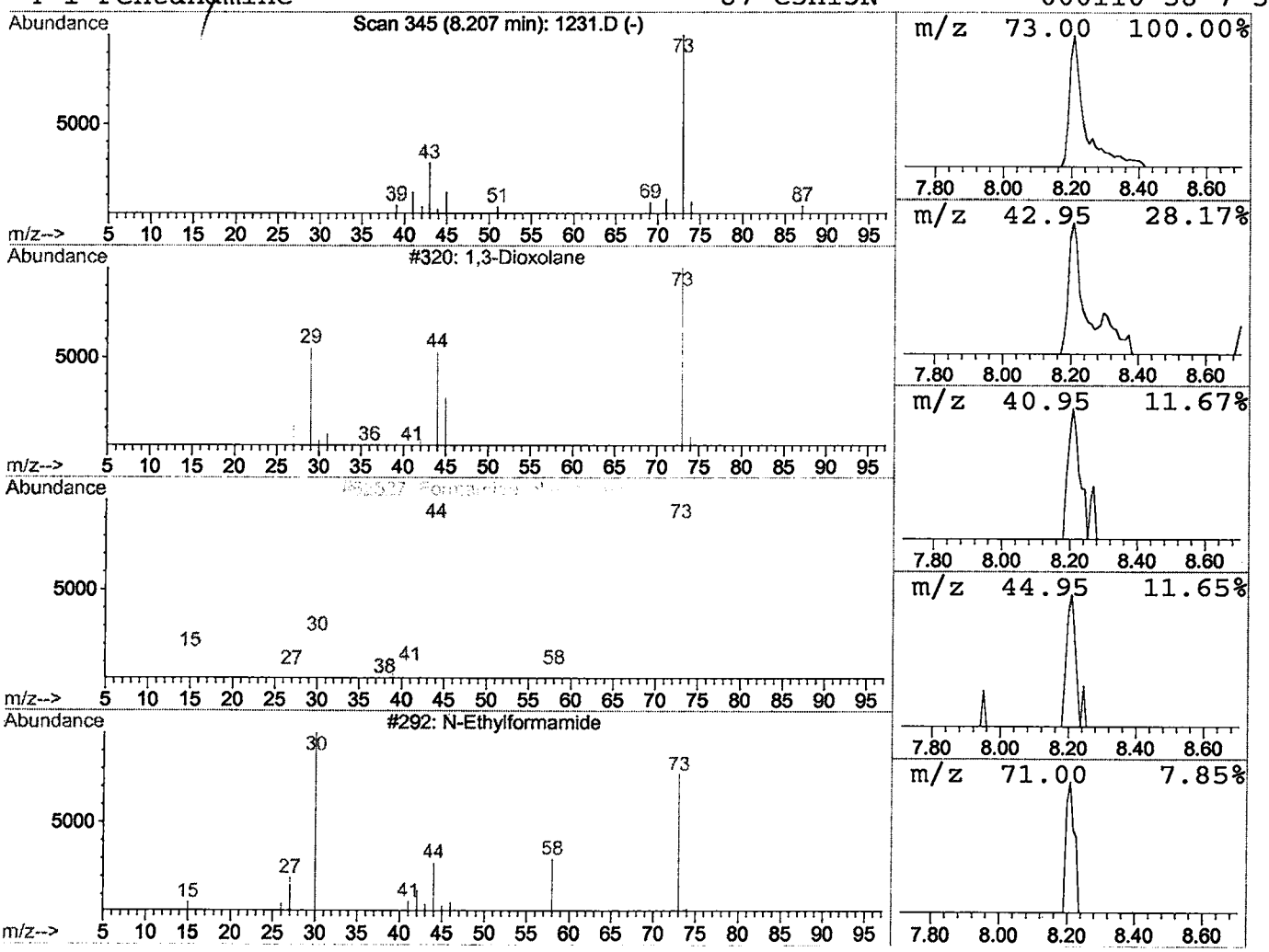
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	0.32 ug/l	20146	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	7
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	1-Pentanamine	87	C5H13N	000110-58-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1231.D
Acq On : 18 Feb 2002 2:10 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

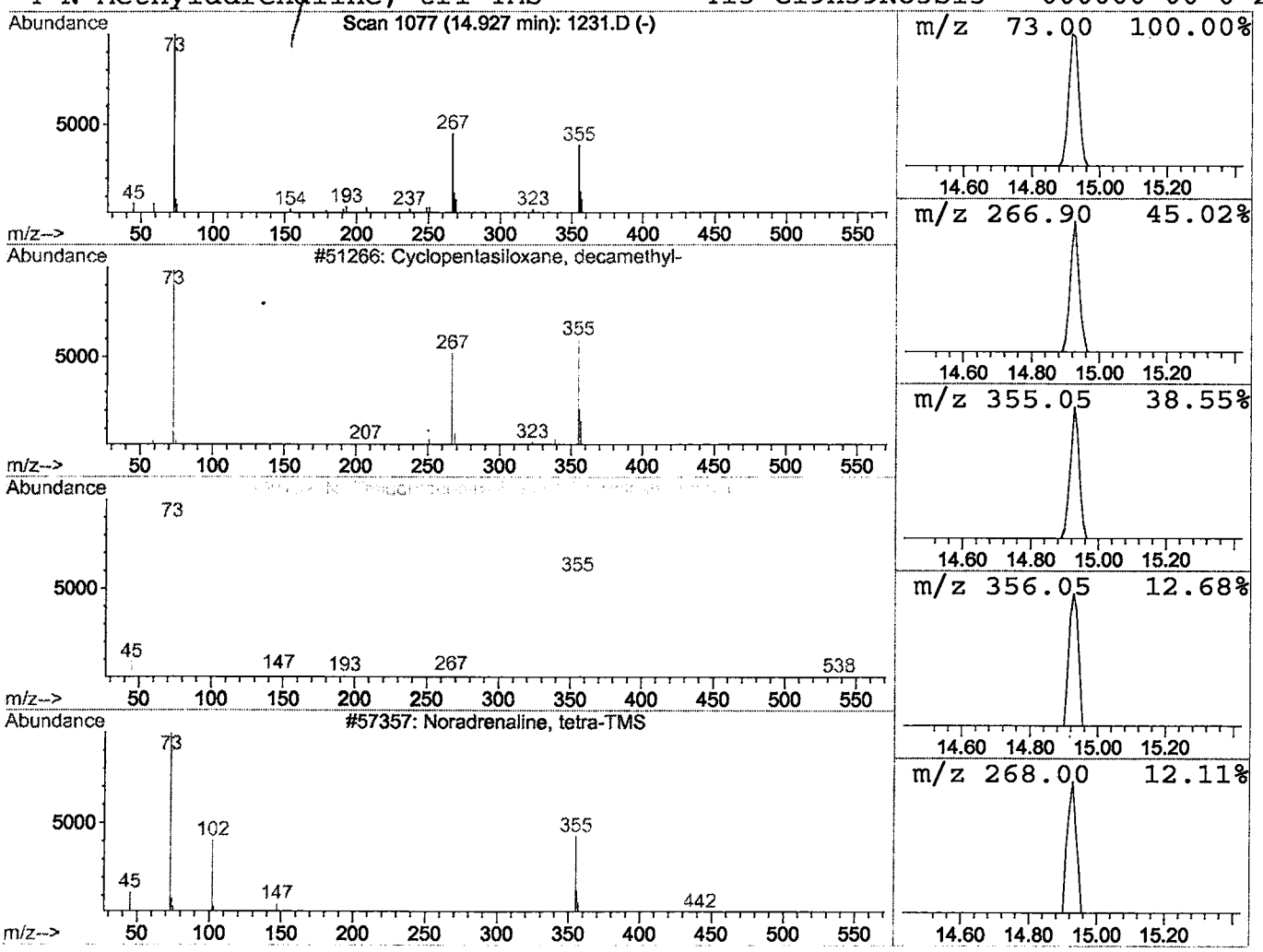
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	0.39 ug/l	31416	Naphthalene-d8	15.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	37
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	32
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1231.D
Acq On : 18 Feb 2002 2:10 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

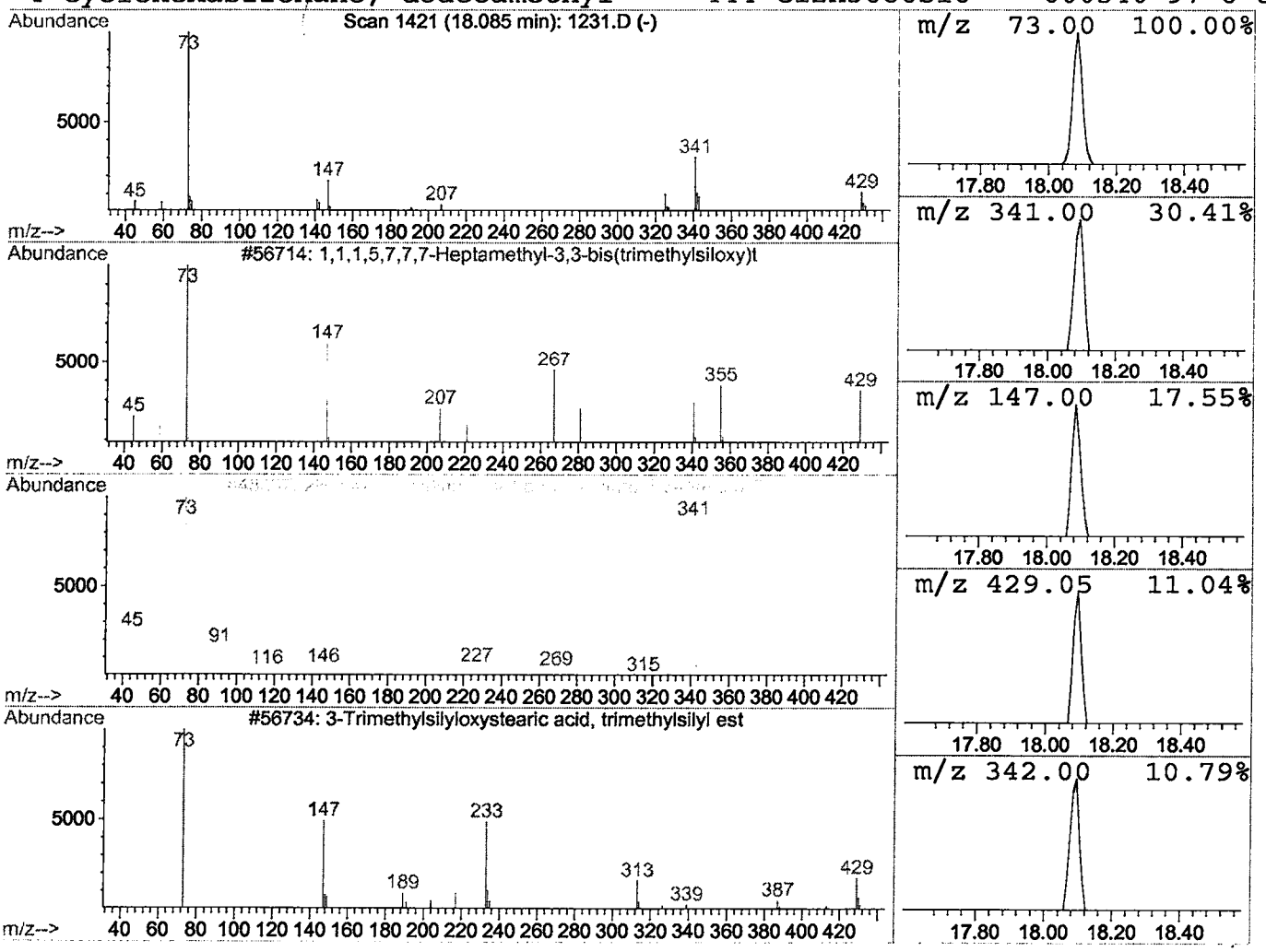
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	0.42 ug/l	34218	Naphthalene-d8	15.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	37
2	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	9
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	9
4	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	8



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1231.D
Acq On : 18 Feb 2002 2:10 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

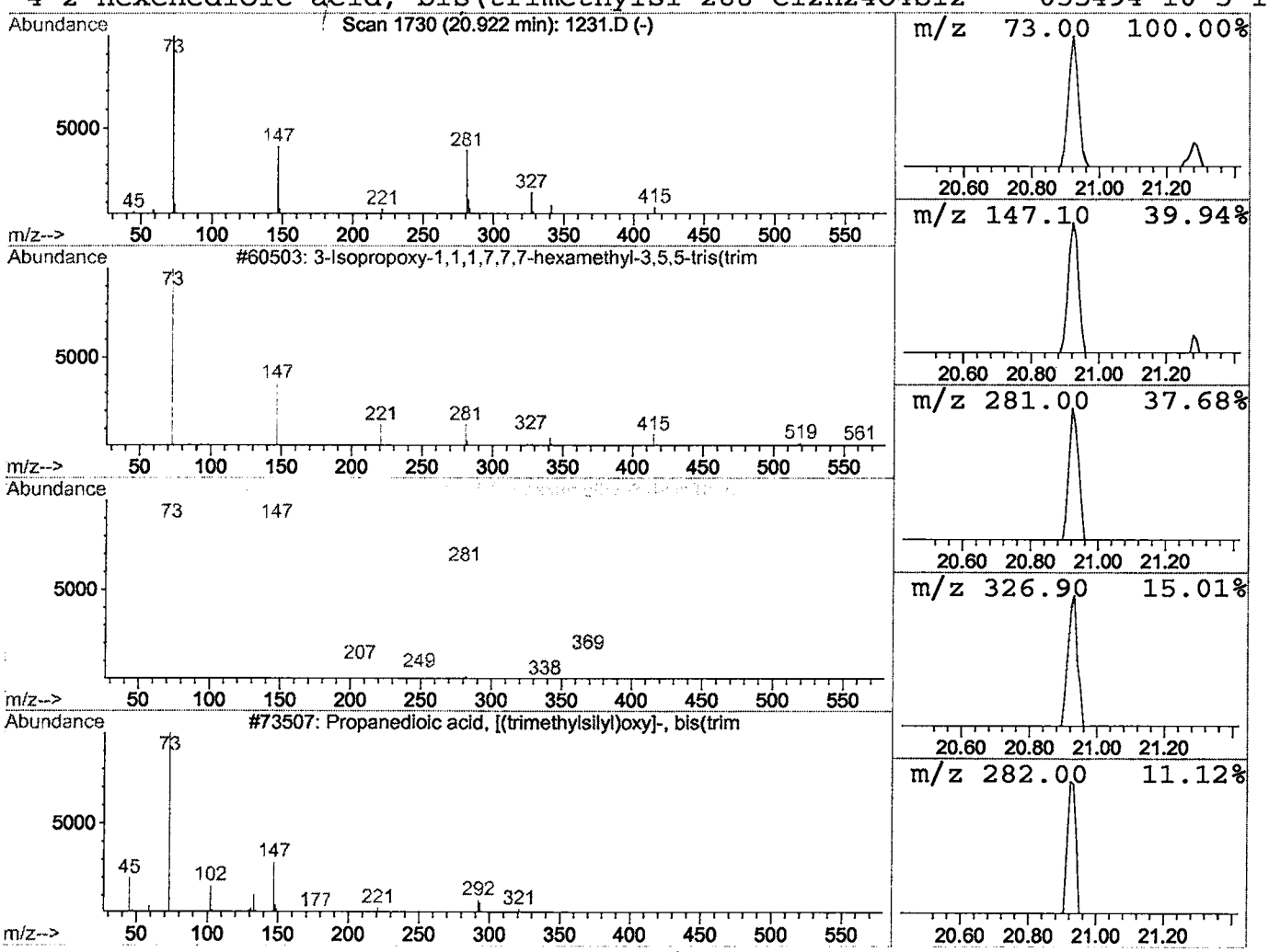
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	0.24 ug/l	21206	Acenaphthene-d10	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	45
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	40
3	Propanedioic acid, [(trimethylsilyl	336	C12H28O5Si3	038165-93-4	23
4	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	17



Library Search Compound Report

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Acq On : 18 Feb 2002 2:10 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

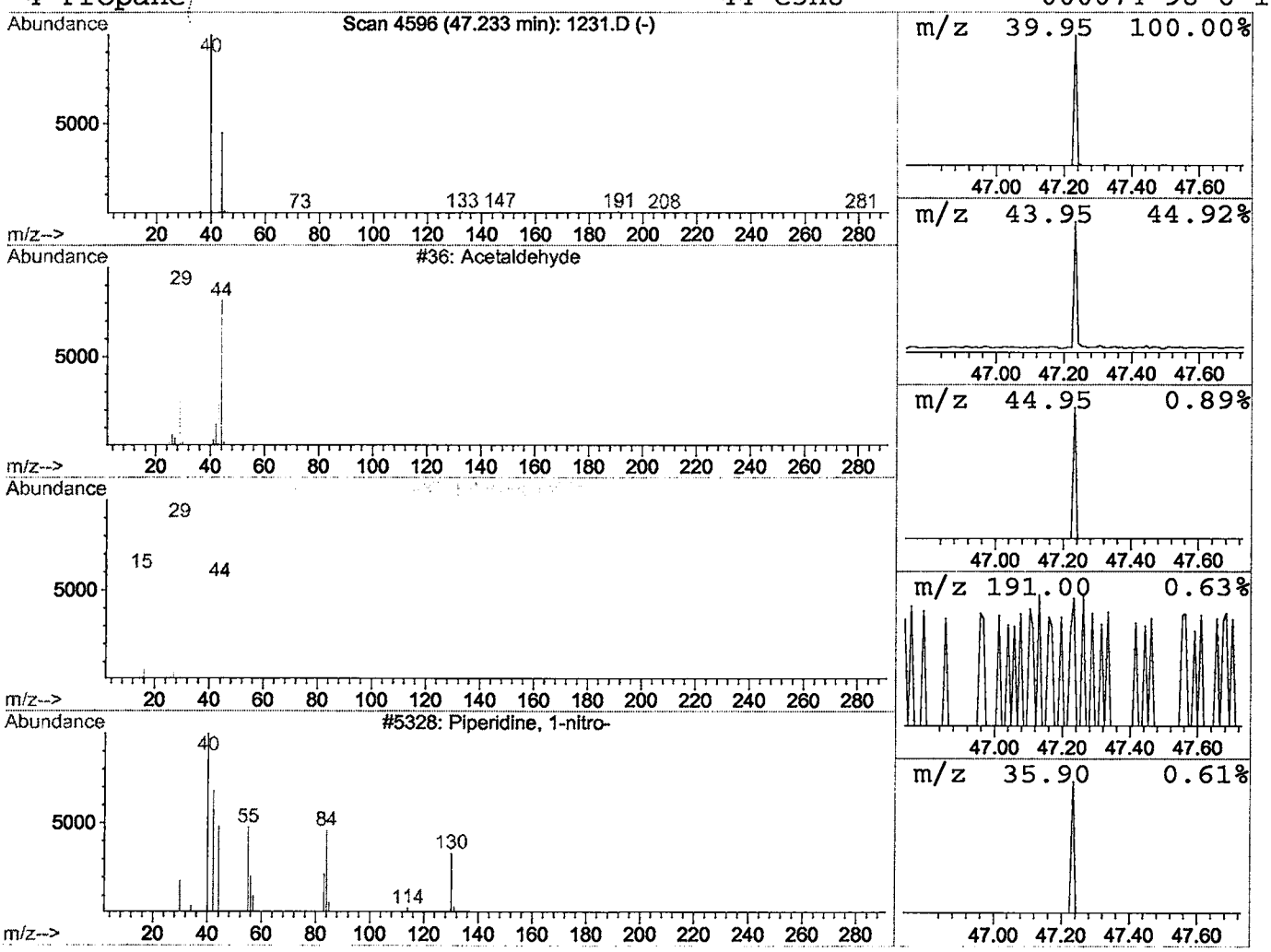
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
47.23	0.64 ug/l	27216	Perylene-d12	38.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	3
2	Ethylene oxide	44	C2H4O	000075-21-8	3
3	Piperidine, 1-nitro-	130	C5H10N2O2	007119-94-0	2
4	Propane	44	C3H8	000074-98-6	1



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Feb 2002 2:10 pm
Data File: C:\HPCHEM\1\DATA\FEB1802\1231.D
Name: gc/ms scan 1/17
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
1,3-Dioxolane	8.21	0.3	ug/l	20146	ISTD01	12.33	1257320	20.0
Cyclopentasiloxane,	14.93	0.4	ug/l	31416	ISTD02	15.97	1620640	20.0
1,1,1,5,7,7,7-Heptam	18.09	0.4	ug/l	34218	ISTD02	15.97	1620640	20.0
3-Isopropoxy-1,1,1,7	20.92	0.2	ug/l	21206	ISTD03	21.28	1770840	20.0
Acetaldehyde	47.23	0.6	ug/l	27216	ISTD06	38.07	853275	20.0

1231.D GCMS0208.M Thu Feb 21 09:33:23 2002